

Ansible Playbooks

You can use ansible command line (ad-hoc) to make small changes however the real power lies in it's scripting capabilities using playbooks.

Ansible playbooks are use in Puppet and Chef.

Puppet Module

Chef Cookbook

Playbooks are divided into 3 sections:

1. **Targets Section** - defines on which host(s) this playbook will be executed and how it will be executed.
This will be done over ssh
2. **Variable Section** (Optional) - defines your variables which can be used by the playbook.
3. **Task Section** - List all the modules you intend to run.

Here is a sample playbook.

Note: proper indentation is very important.
playbook - test.yml

```
---
- hosts: localhost
  user: john
  vars:
    warningMsg: 'Welcome to this exciting time in your life.\nYou will never be the same\n'
  tasks:
    - name: Sample Task
      copy:
        dest: /tmp/warning
        content: "{{ warningMsg }}"
```

This sample playbook will create a file on the defined host with the warning message defined.

To run this playbook simple issue the command: **ansible-playbook <file.yml>**
commandline

```
> ansible-playbook test.yml

[WARNING]: provided hosts list is empty, only localhost is available
PLAY *****

TASK [setup] *****
ok: [localhost]

TASK [Sample Task] *****
changed: [localhost]

PLAY RECAP *****
localhost                : ok=2    changed=1    unreachable=0    failed=0
```

TODO

If you desire to run this script on a host besides localhost, you will need to

Modules

For a full list of modules that can be used with ansible, see http://docs.ansible.com/ansible/list_of_all_modules.html.

References

http://docs.ansible.com/ansible/playbooks_intro.html

http://docs.ansible.com/ansible/list_of_all_modules.html